Searching PAJ

MENU | NEWS | HELP

Search Results : 0

Clear

Text Search

If you want to conduct a Number Search, please click on the button to the right. Number Search

Applicant,Title of invention,Abstract --- e.g. computer semiconductor

If you use the AND/OR operation, please leave a SPACE between keywords.
One letter word or Stopwords are not searchable.

axis slope abscissa AND

AND

image characteristic mask AND

AND

AND

AND

Date of publication of application --- e.g.19980401 - 19980405

-

AND

IPC --- e.g. D01B7/04 A01C11/02

If you use the OR operation, please leave a SPACE between keywords.

Search Stored data

Searching PAJ

MENU | NEWS | HELP

Search Results : 1

Index Indication | Clear

Text Search

If you want to conduct a Number Search, please click on the button to the right. Number Search

Applicant,Title of invention,Abstract --- e.g. computer semiconductor

If you use the AND/OR operation, please leave a SPACE between keywords.

One letter word or Stopwords are not searchable.

axis slope abscissa AND

AND

image characteristic AND

AND

AND

AND

Date of publication of application --- e.g.19980401 - 19980405

-

AND

IPC --- e.g. D01B7/04 A01C11/02

If you use the OR operation, please leave a SPACE between keywords.

Search | Stored data

No.	Publication No.	Title
1.	03 - 275031(1991)	IMAGE PROCESSING APPARATUS FOR ENDOSCOPE

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 03-275031

(43)Date of publication of application : 05.12.1991

(51)Int.Cl. A61B 1/04
G02B 23/24
G06F 15/62

(21)Application number : 02-080280

(22)Date of filing : 26.03.1990

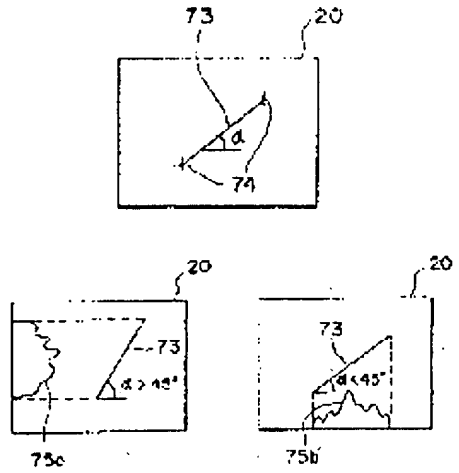
(71)Applicant : OLYMPUS OPTICAL CO LTD

(72)Inventor : KONOMURA MASARU
KAWAMOTO SUSUMU

(54) IMAGE PROCESSING APPARATUS FOR ENDOSCOPE

(57)Abstract:

PURPOSE: To make it possible to designate image concn. with an oblique line and to display the image concn. on the designated oblique line in a short time by using a means designating a straight line on a monitor screen, judging the slope of said straight line and displaying the characteristic value of the endoscope image corresponding to the position of the straight line in the horizontal or the vertical direction.



CONSTITUTION: When a treatment of profile graph display is started, a short cross- cursor 74 is displayed and after it is moved to an arbitrary position, a mouse is clicked and a starting point is determined. Then the end point is determined by moving and clicking the cursor 74 to obtain a straight line 73. Then the angle of inclination αof the straight line is calculated and it is easily obtd. by the ratio of the horizontal distance and the vertical distance between the starting point and the end point. A judgement on whether this angle α is smaller than 45° is performed and if the value is 45° or larger, the concn. level of an image data on the straight line 73 is set on an abscissa axis and a profile graph 75a is displayed in such a way that the concn. level is projected on the horizontal axis direction. On the other hand, the angle αis smaller than 45°, the concn. level of an image data on the straight line 73 is set on an ordinate axis and the profile graph 75b is displayed in such

a way that the concn. level is projected on the vertical axis direction.

LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

Searching PAJ

MENU | NEWS | HELP

Search Results : 2

Index Indication | Clear

Text Search

If you want to conduct a Number Search, please click on the button to the right. Number Search

Applicant,Title of invention,Abstract --- e.g. computer semiconductor

If you use the AND/OR operation, please leave a SPACE between keywords.
One letter word or Stopwords are not searchable.

axis slope abscissa AND

AND

image AND

AND

AND

AND

Date of publication of application --- e.g.19980401 - 19980405

-

AND

IPC --- e.g. D01B7/04 A01C11/02

If you use the OR operation, please leave a SPACE between keywords.

Search | Stored data

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2003-157145

(43)Date of publication of application : 30.05.2003

(51)Int.Cl. G06F 3/033
G01B 11/00

(21)Application number : 2002-215934

(22)Date of filing : 25.07.2002

(71)Applicant : AGILENT TECHNOL INC

(72)Inventor : DIETZ ZACHARY
MOORE CHARLES E

(30)Priority

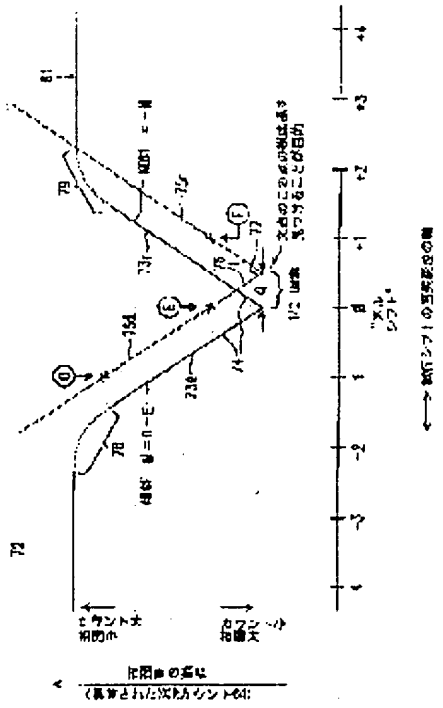
Priority number : 2001 918202 Priority date : 30.07.2001 Priority country : US

(54) INTERPOLATION METHOD FOR OPTICAL NAVIGATION SYSTEM

(57)Abstract:

PROBLEM TO BE SOLVED: To reduce the size and complexity of an interpolation mechanism.

SOLUTION: Interpolation along an axis is performed on a correlation surface array that is created by counting the instances of difference (XOR) between corresponding pixels of single bit resolution images having trial displacements. The interpolation is performed by finding the intersection of two straight line segments that are identified by the shape of the cross section of the correlation surface along the axis of interest. In nine trial shifts, there are three values in such a cross section. Their abscissas are the pixel shift amounts minus one, no shift and plus one and their ordinates are the corresponding correlation values. In situations where navigation (and interpolation) is possible, these three points have certain properties. The usual case is that two of the points determine one line having a slope (m) and the other point determines the other line assumed to have slope -m. The intersection of the two lines is found and its abscissa is the interpolated value for motion along the axis of interest.



LEGAL STATUS

[Date of request for examination]	10.06.2005
[Date of sending the examiner's decision of rejection]	
[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]	
[Date of final disposal for application]	
[Patent number]	
[Date of registration]	
[Number of appeal against examiner's decision of rejection]	
[Date of requesting appeal against examiner's decision of rejection]	
[Date of extinction of right]	

RESULT LIST
2 results found in the Worldwide database for:
(image AND abscissa AND slope AND axis) in the title or abstract
(Results are sorted by date of upload in database)

1 IMAGE PROCESSING APPARATUS FOR ENDOSCOPE
Inventor: KONOMURA MASARU; KAWAMOTO SUSUMU Applicant: OLYMPUS OPTICAL CO
EC: IPC: ***G02B23/24; A61B1/04; G06T1/00*** (+6)
Publication info: **JP3275031** - 1991-12-05

2 Improvements in and relating to function generators
Inventor: Applicant: CONTRAVES AG
EC: G05D3/14; G06K11/02 IPC: ***G05D3/14; G06K11/02***; **G05D3/14** (+1)
Publication info: **GB791778** - 1958-03-12

Data supplied from the ***esp@cenet*** database - Worldwide

RESULT LIST
1 result found in the Worldwide database for:
(image AND abscissa AND slope AND mask) in the title or abstract
(Results are sorted by date of upload in database)

1 **Improvements in and relating to function generators**

Inventor: Applicant: CONTRAVES AG

EC: G05D3/14; G06K11/02 IPC: ***G05D3/14; G06K11/02***; **G05D3/14** (+1)

Publication info: **GB791778** - 1958-03-12

Data supplied from the ***esp@cenet*** database - Worldwide

RESULT LIST
1 result found in the Worldwide database for:
(image AND abscissa AND slope AND characteristic) in the title or abstract
(Results are sorted by date of upload in database)

1 IMAGE PROCESSING APPARATUS FOR ENDOSCOPE

Inventor: KONOMURA MASARU; KAWAMOTO SUSUMU Applicant: OLYMPUS OPTICAL CO

EC: IPC: ***G02B23/24; A61B1/04; G06T1/00*** (+6)

Publication info: **JP3275031** - 1991-12-05

Data supplied from the ***esp@cenet*** database - Worldwide

RESULT LIST
4 results found in the Worldwide database for:
(image AND abscissa AND slope) in the title or abstract
(Results are sorted by date of upload in database)

1 **Installation for Automatic Analysis of Electrical System Behaviour.**
Inventor: Applicant: DEPUTY MINISTER IN THE RUMANIA (RO)
EC: G06F15/56; G06F17/00; (+1) IPC: ***G06F17/00; G09G1/10***; **G06F17/00** (+2)
Publication info: **GB1163147** - 1969-09-04

2 **IMAGE PROCESSING APPARATUS FOR ENDOSCOPE**
Inventor: KONOMURA MASARU; KAWAMOTO SUSUMU Applicant: OLYMPUS OPTICAL CO
EC: IPC: ***G02B23/24; A61B1/04; G06T1/00*** (+6)
Publication info: **JP3275031** - 1991-12-05

3 **NUCLEAR MAGNETIC RESONANCE IMAGING DEVICE**
Inventor: NITTA KOICHI; YAMAMOTO MAKOTO Applicant: HITACHI MEDICAL CORP
EC: IPC: ***G01R33/48; A61B5/055; G01R33/28*** (+7)
Publication info: **JP2071727** - 1990-03-12

4 **Improvements in and relating to function generators**
Inventor: Applicant: CONTRAVES AG
EC: G05D3/14; G06K11/02 IPC: ***G05D3/14; G06K11/02***; **G05D3/14** (+1)
Publication info: **GB791778** - 1958-03-12

Data supplied from the ***esp@cenet*** database - Worldwide